

Comparisons of Job Characteristics

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

Associated Occupation: Mobile Heavy Equipment Mechanics, Except Engines (49-3042)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Mobile Heavy Equipment Mechanics, Except Engines (49-3042)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	23.6	13.0	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.2	7.5	<<	Extensive education and/or training may be required
Physics	4.3	7.9	4.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Mobile Heavy Equipment Mechanics, Except Engines (49-3042)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Troubleshooting	4.5	13.6	7.7	<<	Extensive development of skills in this area may be required
Repairing	3.4	13.2	8.3	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	12.9	7.9	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	11.9	9.6	<	A higher skill level may be required
Quality Control Analysis	5.9	11.9	6.0	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	10.8	9.8	<	A higher skill level may be required
Equipment Selection	3.3	9.3	5.5	<<	Extensive development of skills in this area may be required

Management of Material Resources	3.7	6.4	2.0	<<	Extensive development of skills in this area may be required
Installation	1.7	6.0	1.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 79			
Focus Occupation: Loading Machine Operators, Underground Mining (53-7033) Associated Occupation: Mobile Heavy Equipment Mechanics, Except Engines (49-3042)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.9	12.2	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	13.5	10.6	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	13.4	8.7	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	13.0	10.5	<	Some improvement in abilities may be required
Finger Dexterity	7.6	12.9	7.9	<<	Extensive improvement in abilities may be required
Visualization	7.5	12.2	8.1	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.4	10.3	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	11.0	6.7	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	9.4	7.7	<	Some improvement in abilities may be required
Sound Localization	2.2	5.8	3.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 33
Focus Occupation: Loading Machine Operators, Underground Mining (53-7033) Associated Occupation: Mobile Heavy Equipment Mechanics, Except Engines (49-3042)		
Work Activities		Exclusivity of Activity
Use hand or power tools		2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.